

FORM PTO 1500  
(REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER  
2000\_0574ATRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. §371

U.S. APPLICATION NO.

097530703

International Application No.  
PCT/JP97/04011International Filing Date  
November 4, 1997

Priority Date Claimed

## Title of Invention

FLUIDIZED-BED GASIFICATION AND COMBUSTION FURNACE

## Applicant(s) For DO/EO/US

Shuichi NAGATO et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau. ATTACHMENT A
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. §371(c)(2)). ATTACHMENT B
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).
9. ☒ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)). ATTACHMENT C - (Please enter Article 34 Amendments before entering Preliminary Amendment of Attachment E)


## Items 10. to 13. below concern other document(s) or information included:

10. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. ATTACHMENT D
11. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
12. ☒ A FIRST preliminary amendment. ATTACHMENT E (Please enter Article 34 Amendments (Attachment C) before entering Preliminary Amendment)
 

☐ A SECOND or SUBSEQUENT preliminary amendment.
13. ☒ Other items or information:
 

- unexecuted Declaration and Power of Attorney with Cover Letter - ATTACHMENT F

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

U.S. APPLICATION NO. <b>09/530703</b>		INTERNATIONAL APPLICATION NO. PCT/JP97/04011		ATTORNEY'S DOCKET NO. 2000 0574A	
17. [X] The following fees are submitted  <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b>  <input type="checkbox"/> Search Report has been prepared by the EPO or JPO..... \$840.00 <input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$970.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				CALCULATIONS	PTO USE ONLY
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	39 - 20 =	19	X \$18.00	\$ 342.00	
Independent Claims	8 - 3 =	5	X \$78.00	\$ 390.00	
Multiple dependent claim(s) (if applicable)			+ \$260.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1,572.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28)				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$1,572.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+	\$
<b>TOTAL FEES ENCLOSED =</b>				\$1,572.00	
				Amount to be refunded	\$
				Amount to be charged	\$
a. [X] A check in the amount of \$1,572.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:  WENDEROTH, LIND & PONACK, L.L.P. 2033 K Street, N.W., Ste. 800 Washington, D.C. 20006			<div style="text-align: center;">             SIGNATURE         </div> <div style="text-align: center;">           Charles R. Watts            NAME         </div> <div style="text-align: center;">           33,142            REGISTRATION NUMBER         </div>		
May 4, 2000					

[CHECK NO. 37897]  
[2000\_0574A]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Shuichi NAGATO et al. : Attn: BOX PCT  
Serial No. NEW : Docket No. 2000\_0574A  
Filed May 4, 2000 :  
FLUIDIZED-BED GASIFICATION AND  
COMBUSTION FURNACE  
[Corresponding to PCT/JP97/04011  
Filed November 4, 1997]

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**COVER LETTER FOR APPLICATION FILED  
WITHOUT EXECUTED DECLARATION**

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

The above-identified application has been submitted without an executed oath or declaration.

It is respectfully requested that this application be assigned a serial number and awarded a filing date.

A duly executed oath or declaration pursuant to 37 CFR 1.63 will be submitted after notification by the U.S. Patent and Trademark Office.


A non-executed copy of the Declaration and Power of Attorney, containing the inventorship information, is attached. It is respectfully requested that all communications be directed to the firm indicated on the attached Declaration and Power of Attorney, namely:

WENDEROTH, LIND & PONACK, L.L.P.  
2033 K Street, N.W., Suite 800  
Washington, D.C. 20006

The required U.S. Patent and Trademark Office Filing Fee is submitted herewith.

Respectfully submitted,

Shuichi NAGATO et al.

By   
Charles R. Watts  
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May 4, 2000